

Substitute for Form 1449 A & B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		COMPLETE JOB MAY 25 2004		Complete if Known	
		Application Number	10/795,977	Confirmation Number	Unknown
		Filing Date	March 10, 2004	First Named Inventor	Roderick William Jonathon BOWERS
		Art Unit	Unassigned	Examiner Name	Bernard Lipman
		Attorney Docket Number	Q80411		
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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>3</sup> (if known)		
	BL	US 3,671,502		6/1972	Samour et al.
		US 4,778,865		10/1988	Leighton
		US 4,863,980		9/1989	Cowan et a.
		US 5,002,582		3/1991	Guire
		US 5,270,415		12/1993	Sulc
	BL	US 5,461,433		10/1995	Nakabayashi

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
	BA	CA	1167838		5/1984		
		EP	192831		9/1986		
		EP	0293963		12/1988		
		EP	0537972		4/1993		
		JP	60-204711		10/1985		
		JP	60-179408		1985		
		JP	60-67489		4/1985		
		JP	60-21599		5/1985		
		JP	61-205291		1986		
		JP	63-221184		9/1988		
		GB	1529378		10/1978		
	BA	WO	093/00391		1/1993		

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	BL	Ishihara et al., "Improvement of Blood Compatibility on Cellulose Dialysis Membrane," <i>Biomaterials</i> , Vol. 13, No. 3, 1992.	
		Wielema et al., "Zwitterionic Polymers - I. Synthesis of a Novel Series of Poly(Vinylsulphobetaines). Effect of Structure of Polymer on Solubility in Water," <i>Eur. Polym. J.</i> , Vol. 23, No. 12, 1987, pp. 947-950.	
		Ishihara et al., "Protein Adsorption from Human Plasma is Reduced on Phospholipid Polymers," <i>17<sup>th</sup> Ann. Meet. Soc. Biomaterials</i> , May, 1991, pp. 297-298.	
		Kojima et al., "Interaction between Phospholipids and Biocompatible Polymers Containing a Phosphorylcholine Moiety," <i>Biomaterials</i> , Vol. 12, 1991, pp. 121-124.	
		Ishihara et al., "Preparation of Phospholipid Polymers and Their Properties as Polymer Hydrogel Membranes," <i>Polym. J.</i> , Vol. 22, No. 5, 1990, pp. 355-360.	
	BL	Ishihara et al., "Reduced Thrombogenicity of Polymers Having Phospholipid Polar Groups," <i>J. Biomed. Materials Res.</i> , Vol. 24, 1990, pp. 1069-1077.	

Examiner Signature	<i>Bernard Lipman</i>	Date Considered	3-6-06
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RL		US 3,951,893		4/1976	Gander
		US 4,722,906		2/1988	Guire
		US 4,973,493		11/1990	Guire
		US 5,032,455		7/1991	Dana
		US 5,424,375		6/1995	He
RL		US 5,453,467		9/1995	Bamford

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RL		JP	59-43342		3/1984		
		JP	3-39309		1/1991		
		JP	7-051355		2/1995		
		JP	7-184989		7/1995		
		JP	7-184990		7/1995		
		JP	7-284528		10/1995		
		JP	9-122224		5/1997		
		JP	9-183819		7/1997		
		WO	90/00887		2/1990		
		WO	93/01221		1/993		
		EP	0086186		8/1983		
RL		EP	0086187		8/1983		

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RL		Fukushima et al., "Interaction Between the Polymer Containing Phosphorylcholine Group and Cells", <i>Kobunshi Ronbunshu</i> , Vol. 40, No. 12, 1983, pp. 785-793.	
		Kadoma et al., "Synthesis and Hemolysis Test of the Polymer Containing Phosphorylcholine Groups", <i>Kobunshi Ronbunshu</i> , Vol. 35, No. 7, 1978, pp. 423-427.	
		S.M. Park, <i>Journal of Korean Fiber Society</i> , Vol. 29, No. 10, 1992, pp. 32-37.	
		Sakurai et al., "Macromolecules", Vol. 25, No. 26, 1992, pp. 7256-7260.	
		K. Ishihara et al., "Journal of Biomedical Materials Research", Vol. 24, No. 8, 1990, pp. 1069-1077.	
		K. Ishihara et al., <i>Polymer Journal</i> , Vol. 22, No. 5, 1990, pp. 355-360	
RL		Nakabayashi et al., <i>The 17<sup>th</sup> Annual Meeting of the Society for Biomaterials</i> , Scottsdale, AZ (1991).	

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		Number	Kind Code <sup>2</sup> (if known)		
BL		US 3,497,482		2/1970	Hwa
		US 3,549,605		12/1970	Dykstra
		US 4,111,922		9/1978	Beede et al.
		US 4,205,152		5/1980	Mizuguchi et al.
		US 5,026,490		6/1991	Peiffer et al.
		US 5,045,593		9/1991	Cowan et al.
		US 5,118,524		6/1992	Thompson et al.
		US 5,162,391		11/1992	Ikari
		US 5,177,168		1/1993	Baron et al.
		US 5,208,295		5/1993	Chaudhuri et al.
		US 5,223,580		6/1993	Chaudhuri et al.
		US 5,235,013		8/1993	Ito et al.
		US 5,264,465		11/1993	Futamura et al.
		US 5,418,304		5/1995	Mueller et al.
		US 5,492,989		2/1996	Chaudhuri et al.
		US 5,712,326		1/1998	Jones
BL		US 3,634,123		1/1972	Eriksson

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BL		EP	0350161		1/1990		
		WO	92/07885		5/1992		
		WO	93/21970		11/1993		
		EP	0079197		5/1983		
		EP	0208421		1/1987		
		GB	2113245		8/1983		
		GB	2161823		1/1986		
		EP	0075957		4/1983		
		EP	0412385		2/1991		
		FR	1549939		12/1968		
BL		WO	97/16133		5/1997		

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BL		Campbell et al., "Biocompatible Surfaces Using Methacryloylphosphorylcholine Laurylmethacrylate Copolymer", <i>ASAIO Journal</i> , 1994.	

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<i>RL</i>		US 3,861,948		1/1975	Samour et al.
		US 5,342,621		8/1994	Eury
		US 3,453,136		7/1969	Bylsma et al.
		US 4,213,886		7/1980	Turner
		US 4,945,145		7/1990	Bruylants et al.
		US 5,162,420		11/1992	Chang et al.
		US 5,302,669		4/1994	Furukawa et al.
		US 5,648,442		7/1997	Bowers et al.
		US 6,083,257		4/2000	Taylor et al.
		US 6,183,506		2/2001	Penn et al.
		US 5,705,583		1/1998	Bowers et al.
		US 6,090,901		7/2000	Bowers et al.
		US 6,251,964		6/2001	Porssa et al.
		US 6,673,883		1/2004	Rowan
<i>RL</i>		US 2003-0190405		10/2003	Bowers et al.

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<i>RL</i>		Yin et al., "Silicon Secondary Crosslinked IPN Based on poly(Methyl Acrylate-Co-Hydroxylethyl Acrylate) and SiO <sub>2</sub> ", <i>Polymer</i> , Vol. 38, No. 20, 1997, pp. 5173-5178.	
		Stratford et al., "Novel Phosphorylcholine Based Hydrogel Polymers: Developments in Medical Device Coatings", <i>Cardiovascular Division, Biocompatibles Ltd.</i> ,	
		Database WPI, Section Ch., Week 9403, Derwent Publications Ltd., London, GB, AN 94-022958, XP002060534 (Abstract)	
		Database WPI, Section Ch., Week 9346, Derwent Publications Ltd., London, GB, AN 93-365463, XP002060535 (Abstract)	
<i>RL</i>		Database WPI, Section Ch., Week 9312, Derwent Publications Ltd., London, GB, AN 93-096841, XP002060536 (Abstract)	

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